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**(54) NONAQUEOUS SECONDARY BATTERY**

**(57) Abstract:**

**PURPOSE:** To improve the charge/discharge cycle characteristic by using a positive electrode having a mixture of manganese dioxide containing  $\text{Li}_2\text{MnO}_3$  and a specific manganese oxide as an active material.

**CONSTITUTION:** A mixture of manganese dioxide containing  $\text{Li}_2\text{MnO}_3$  and manganese oxide containing Li and having peaks near  $2\theta = 22^\circ$ ,  $31.5^\circ$ ,  $42^\circ$  and

$55^\circ$  in the X-ray refraction diagram by the CuK $\alpha$  line is used for a positive electrode active material. A nonaqueous secondary battery with the excellent charge/discharge cycle characteristic at either the shallow depth or the deep depth can be obtained. It is applicable not only to the nonaqueous electrolyte secondary battery but also to a solid electrolyte secondary battery.

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